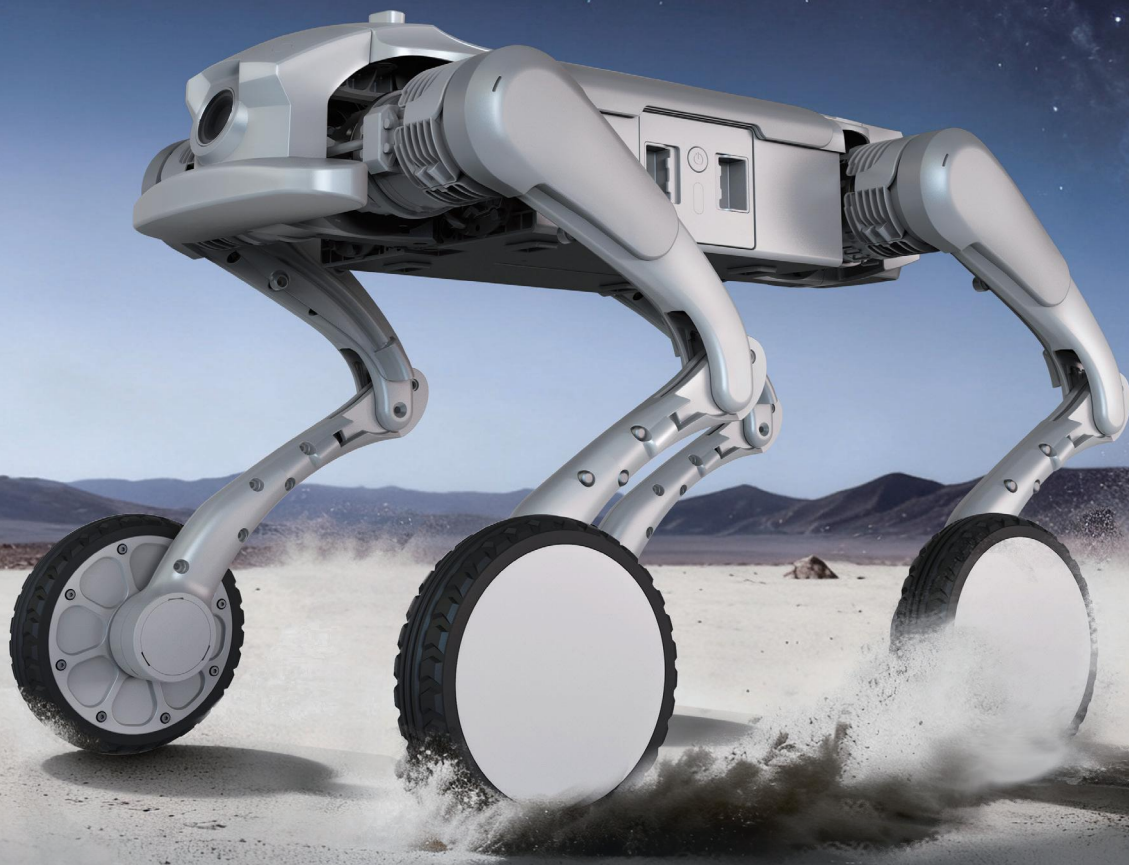


Where Speed Meets **Endurance**

INCHBOT L1-W

World's First Ultra-Compact Industrial-Grade Wheeled Quadruped Robot



All-Terrain
Mobility



All-Round
Protection



All-Weather
Ready



All-Platform
Expandable

Product Advantages

Max Speed **5.5m/s** Max Payload **65cm** Max Step Height **16cm** Max Climb Angle **40°**

Dynamic Motion Across Any Terrain

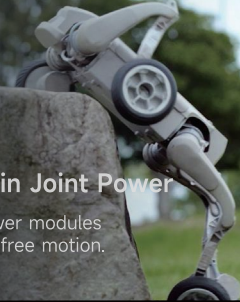
Built-in AI reinforcement learning for seamless control and performance over every obstacle.



Peak Torque **48N·m**

Up to 60% Boost in Joint Power

Self-developed high-power modules deliver swift, calibration-free motion.



Operating Range **9km** Max Payload Limit **12kg**

Stronger Endurance, Higher Payload

Up to 50% increase in range, supporting long-duration autonomous operations.



Much Quieter Operation

Low-noise wheeled design, seamlessly blends into any environment.



Protection Rating **IP54** Operating Temperature **0~40°C**

All-Weather Ready

360° protected body, designed for harsh outdoor conditions.



Empowering Research & Industry

7 interfaces and full SDK for effortless development.

Technical Parameters

Standing Dimensions (L × W × H)	approx. 63×44×45.5cm	Stair Climbing Height	>16cm
Lying Dimensions (L × W × H)	approx. 69×58×14.5cm	Slope Capability	30° (standard), up to 40° (max)
Weight (with battery)	approx. 20kg	Max Speed	3.7 m/s (up to ~5.5 m/s)
Battery	5Ah, 43.2V	Max Obstacle Height	65cm
Battery Life	1-2h	Operating Temperature	0°C-40°C
Range	up to 9km	Ingress Protection	IP54
Max Payload	~10 kg (limit ~12 kg)	Interfaces	Ethernet, USB, SBUS, UART, Power